

Direct Hydrochemical Indicators of Oil and Gas
and the Role of Micellar Solubility in the
Migration of Hydrocarbons in Aqueous Solutions.
Benzene and Toluene in Ground Water, by
A. S. Zinger.
RUSSIAN, per, Dok Ak Nauk SSSR, Ser Sci,
Vol 189, No 1, 1969, pp 180-183.
AGI

A. S. Zinger

Jan 71

Pamir Glaciers in Sight, by E. Zinger.
RUSSIAN, per, Kommunist Tadzhikistana,
Oct 2, 1968.
NLL Ref:5923.4F (N.7533) 107

Sci-Geo
July 69 m

367,472

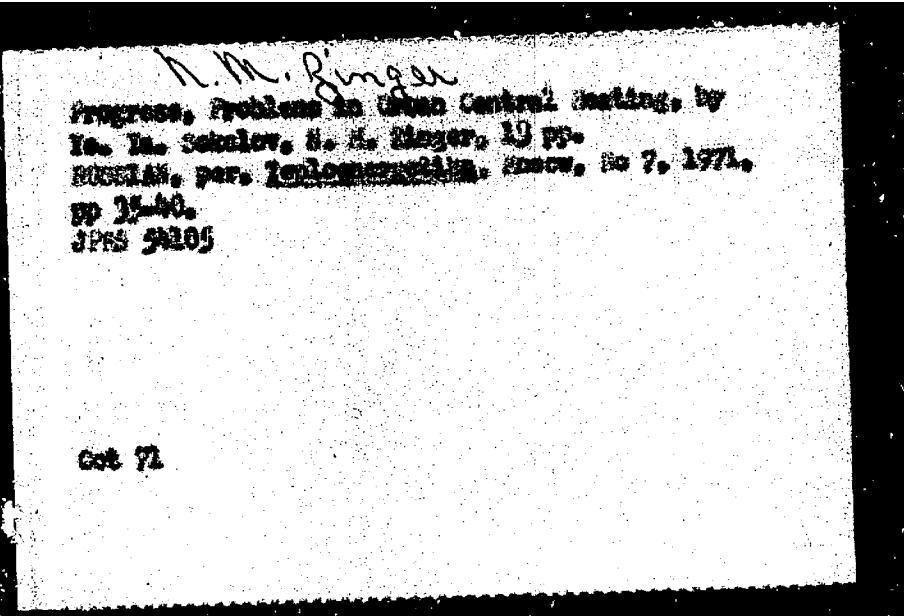
E. ZINGER

Generalization of the Schaeffer-Duffin Problem
to Finite Functionals, by M. Ja. Zinger.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 172, No 1,
1967, pp 14-17.
Am Math Soc
Vol 8, No 1, 1967

M.JA. ZINGER

Nov 68

370,287



The Present Level of the Soviet Centralized
Heat Supply and the Main Methods of Its Further
Development, by Ye. Ya. Sokolov, N. M. Zinger,
R. P. Sazonov and V. S. Iumin, 25 pp.
RUSSIAN, per, Teplogenetika, No. 3, Feb 1967,
pp. 2-3.
JPN 40331

(6)

N. M. ZINGER

USUR
Sci-Elec Sngr
May 67

323,360

Acoustics of a new recording studio at
"nosfilm", by S. A. Zinger. 7 pp.
AISSIAN, per, Tekhnika Kino i Televizionnyx,
No 7, 1967, pp 58-61.
AIR/1D-1B-24-366-69

104

J.A. Zinger
sci/metodos
May 70

406,860

Pamir Glaciers in Sight, by Ye. Zinger.
RUSSIAN, np, Kommunist Tadzhikistana,
2 Oct 1968.
NLL Ref: 6167.65 (58)

Sci-Bar Sci
Oct 69

395,195

A. M. ZINGERMANN

Characteristics of Cardiac Activity in a Man-
Operator in a Control Process. 19

A. M. Zingermann, 19 pp.

RUSSIAN. Pub. Radioelektronika, Thermal SSSR.
Leningrad, No 10, 1974, p. 107-109.

JIRS 58092

Feb 73

More Full Use of Agricultural Equipment Urged,
by T. Zinin, 5 pp.
RUSSIAN, np, Pravda Vostoka, Tashkent,
19 Apr 1969, p 2.
JPRS 48105

23

T. ZININ

Sci-Agri
Jun 69

382,168

V. N. ZinKevich

The Distribution of Herring in the Georges Bank and in
Contiguous Waters, by V. N. ZinKevich,
JOURNAL, per, Trudy AtlanTICa, No 26, 1970,
pp 111-134.

*Dept of Commerce
1973

Jan 72

V. N. Zinkovich

On the Breeding of Merring in the Georgia Basin and
in Contiguous Waters, by V. N. Zinkovich,
NEFAZ, per, Trudy NEFAZ, No 28, 1970,
RP 97-110.

Dept of Commerce

RCF

JUL 72

V. N. ZinKevich

The Quantity and Mortality of the Georges Bank Herring
According to an Estimation of the Number of Eggs on the
Breeding Grounds, in 1964-1966, by V. N. ZinKevich,
BENIAM, per, ~~Trudy Morskogo~~, No 23, 1970,
pp 135-146.

Dept of Commerce
NSIDC

Jan 72

37

Zoology and fishery of the Patagonian lake.
by V. N. Zinkevitch & V. I. Saushkin.
RUSSIAN, par. Naukas Khoz., Vol 44, No 2, 1968,
pp 22-24.

*Dept of Interior
Bureau of Commercial Fisheries
Branch of Foreign Fisheries

V. N. Zinkevitch

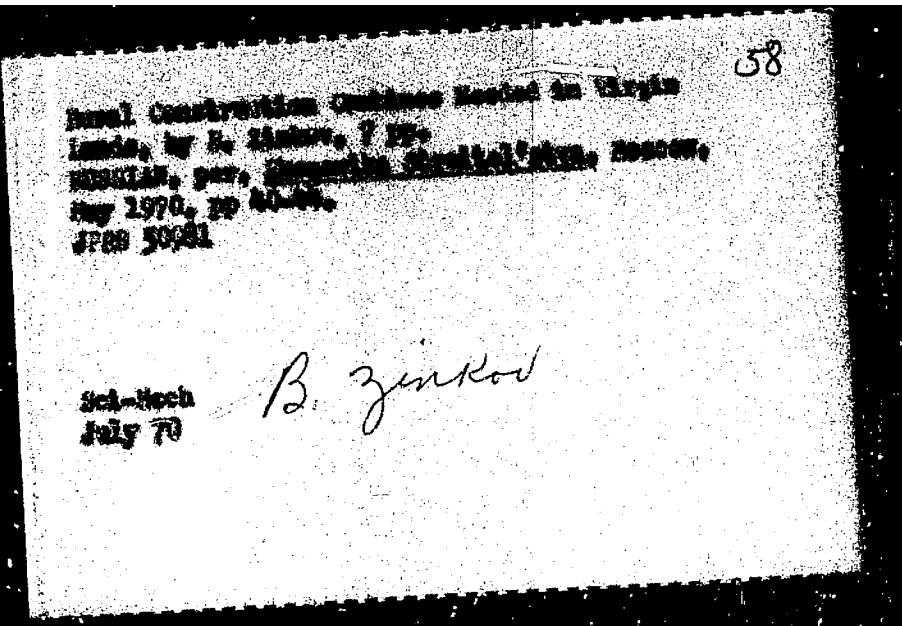
Sci/Div.
June 68

The Local Magnetization of Ferrite Cores in
Rectangular Hysteresis Loops when a Uniform
Magnetic Field is Applied to Every Element, by V. P. Zinkevich. 9 pp.
MOSCOW, 1966. Institut Avtomatiki i
Vychislitelnoy Tekhnicheskoy Radiotekhniki.
1966, p. 60-85.
REF/MTC/4-23-421-68

33

V P Zinkevich
sci/electronics
May 69

300,000



G. ZINNE

Soil Improvement Work Aids Agricultural
Production, by G. Zinne, 8 pp.
GERMAN, per, Feldwirtschaft, East Berlin,
May 72, pp 197-199.
JPRS 56357

Jul 72

G. Zinner

Hydroxylamine Derivatives. Part 19.
Synthesis in the 3, 5-Dioxo-1,2,4-
Oxadiazolidine Series, by G. Zinner.
GERMAN, per, Archiv der Pharmacie,
Vol 298, 1965, pp 580-587
NTC 72-60261-07C

July 72

Karl Zinner

Performance Rating and Testing of Charged 4 Stroke Diesel Engines in Changed Atmospheric Conditions- Explanations with References to the CIMAC 1971 Recommendations, by

Karl Zinner, 26 pp.

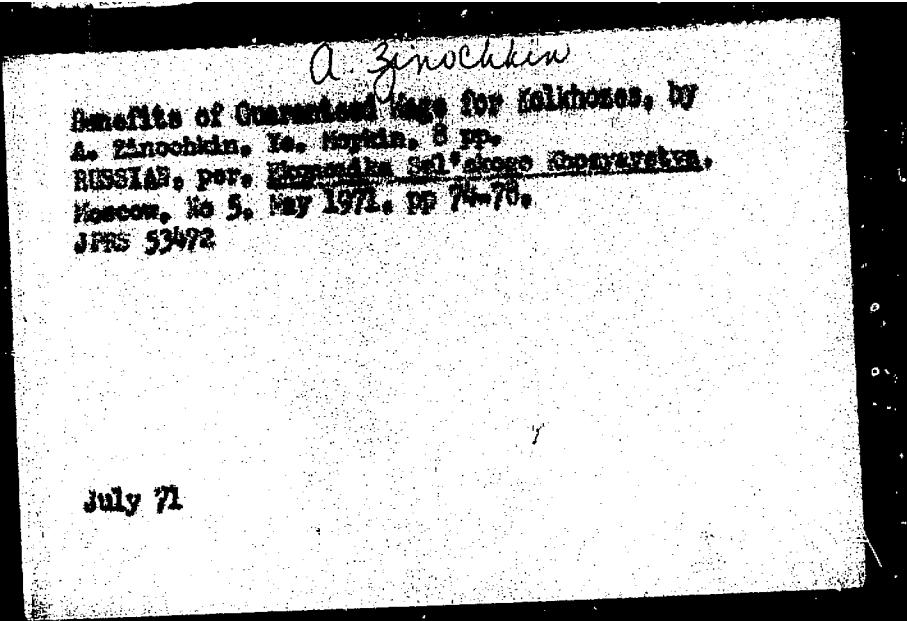
GERMAN, per. MTZ Motortechnische, 1971, pp

393-403.

ACSI-K-1891

FSTC-HT-23-1397072

May 72

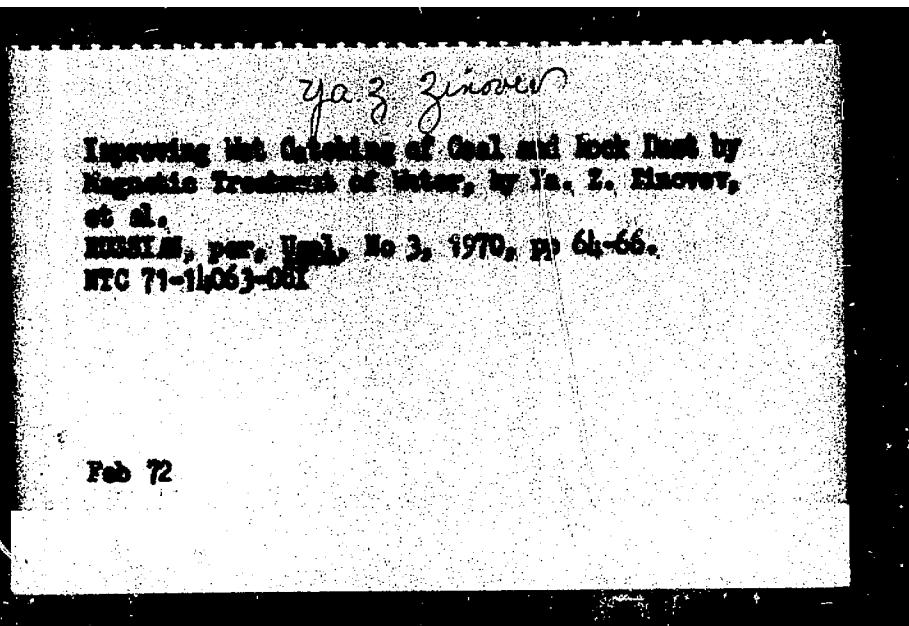


Equipment for Investigating the Pressure and
Composition of a Gas, by A. V. Chernofitky,
O. A. Zinov'ev, G. V. Kozlik, 23 70.
SERIAL, 1922, Appendix I Method Fle-
nningski Isakowicz, Moscow, Armeria,
1905, pp 316-311. 0911/6267
ABC SP-SP-1A85

O. A. Zinov'ev

324, 325

Sci - Materials
Apr 67



Underground Flow of Small Rivers in the Lena
Watershed, by L. Ye. Zinov'yeva, 5 pp.
RUSSIAN, per, Meteorologiya i Gidrologiya, No
7, July 1967, pp 93-95.
JPRS 42625

68

L. Ye. Zinov'yeva

Sci-Earth Sci & Oceanog.
Oct 67

342,852

The Details on Jupiter, by V. A. Zinov'yev, 17 pp.
RUSSIAN, bk., Issledovaniya Planety Jupiter, 1967,
pp. 60-67
AIAA/RSIG-TR-920-69

63

V.A. Zinov'yev

Sci/Astron
Jul 69

584,702

Observations - Planet Mars in 1967, by
V. A. Zinov'yev.
RUSSIAN, per, Astronomicheskiy Vestnik,
Vol 3, No 1, 1969, pp 57-58.
CIA X-6955

Mar 69

378,648

The Effectiveness of Contacting Heterogeneous
Phases and the Extent of Chemical Conversion
in a Fluidized Bed, by A. P. Zinov'eva,
S. G. Bashkireva.
RUSSIAN, per, Khim i Tekhnol Topliv i Masel,
Vol 12, No 2, 1967, pp 1-5.
ATS RU-4977

47

Sci-Phys
Feb 69

373,791

57
Mechanical Properties of High-Strength Materials
With Coatings Obtained by the Plasma Spray-
Coating Method, by V. Gladkovskiy, A. Vinogradov.
Russian, Inc., Termoprochnost' Materialov i
Konstruktivnykh Elementov, Tekstova Seriya,
1987, pp. 119-124.
DADA 77-11,927

Sci
Rec 40

371,062

G. Zinsmeister

Contribution to Frenkel's Theory of
Condensation, by G. Zinsmeister.
GERMAN, per, Basic Problems in Thin
Film Physics. International Symposium
on Basic Problems in Thin Film Physics,
Vol 2, 6-11 September 1965, pp 33-42
NTC 72-11334-20L

June 72

G. Zinmeteister

The Kinetics of Crystallization Processes, by
G. Zinmeteister.

GERMAN, per, Kristall und Technik, No 5, 1970,
pp 207-251.
*7K13 TT 72-53049

Aug '72

I Zint

The present state of automatic language processing, by
I. Zint. 24 pp.
GTEAT, per, Beitrag zur Linguistik und Information-
verarbeitung, No 12, 1967, pp 30-55.

AIR/FID-HF-23-874-71

a.r. 72

C.E. STUDIES OF METAL DEFICIENCY IN $(Co,Mg)_O$
Trans. AND $(Co,Ni)O$ SYSTEMS
5279 G. Zintl
Zeitschrift für Physikalische Chemie,
Vol. 48, No. 5/6, pp. 340-358 (1966)
(Materials Suppl. No. 25, MS809)

The West Ural Regional Linear Morphostructure,¹
by I. K. Zinyakhina,
RUSSIA, per, Dok Ak Nauk SSSR, Vol 179, NO 2,
1968, pp, 420-422.
AGI

I.K. Zinyakhina

Jan 69

333-335

Inhibition of Antibody Formation by
Syngenetic Small Lymphocytes, by
S. N. Zinzar
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 104, No 5, Feb 1969, pp 1221-1223.
CB

S. N. ZINZAR

Oct 70

Development of Rural Telephone Communications in Poland, by Minister Rozwoju
Kłodzko, 3 pp.
POLSKA, per, Widoczni w telekomunikacji,
No 7, JUL 1965, pp. 32-34.
JMS 31965

15

EE-Poland
Econ
Sept 65

200,537

130

Heat Transfer Through a Bed of Granular Material
from the Hot Surface of a Tube Concentrically
Mounted in a Rotary Apparatus to the Wall of
the latter, by D. Ziolkowsky.
CZECH, per, Chem Stosow, Vol 5, No 4b, 1963,
pp 427-444.
*AEC

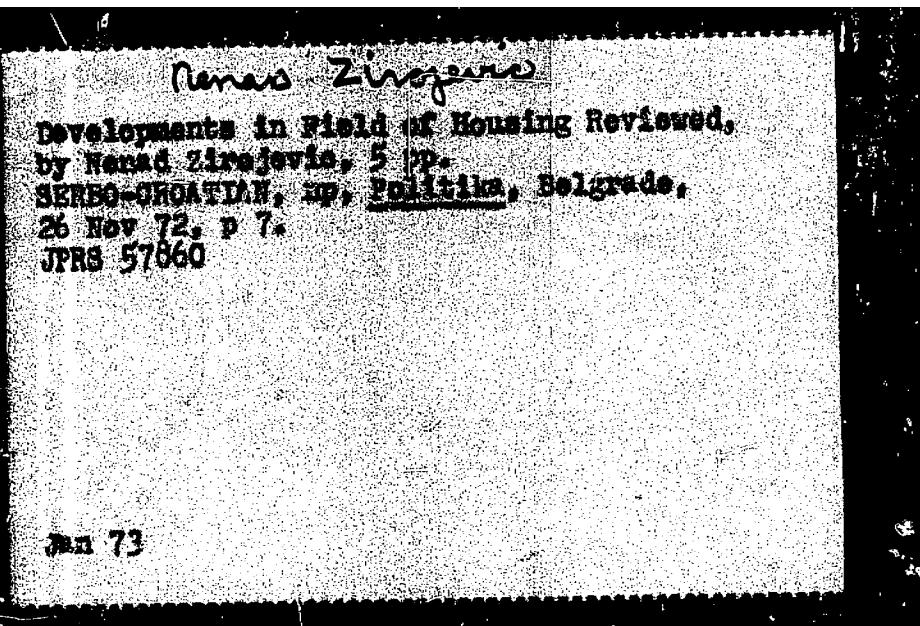
D. Ziolkowsky

Sci-Phys
Dec 69

106
Heat Transfer Through a Bed of Granular Material
from the Hot Surface of a Tube Concentrically
Mounted in a Rotatory Apparatus to the Wall of
the Latter, by U. Ziolkowsky.
POLISH, per. Chemia Stosowana, Vol 5, No 4B,
1966, pp 427-444.
•AEC-tr-2874

D. ZIOLKOWSKY

Sci-Chem
Aug 69



Party Position of the Artist, by A. Zis', 8 pp.
RUSSIAN, por. Kommunist, Moscow, No 17, Nov
1969, pp 123-127.
JPRS 49679

5

USSR
Pol
Feb 70

399.535

Ulf Zischinsky

On Subsidence, by Ulf Zischinsky.
GERMAN, per, Rock Mechanics, Vol 1, No 1, 1969,
pp 30-52.
*NTIS TT 73-53017

Jan 73

Ulf Zischinsky

Movement of Unstable Valley Sides, by Ulf Zischinsky.
GERMAN, per, Gesellschaft der Geologie und
Bergbaustudenten, Mitteilungen, Vol 17, June 1966,
pp 127-168.
*NTIS TT 73-53018

Jan 73

K. A. Zischka

Contribution to the mathematical theory
of induction hardening.
ELEKTRONAEHRE INTERNATIONAL, Vol 28, pp 135-
149, 1970
NIC 72-15378-11F

mar 73

The Effect of Gold Properties on Blast Furnace
Operating Results, by L. Veer, W. Zischkale,
Gesamt, per, Stahl Eisen, Vol 88, 6 Aug 1968,
pp 545-552.
SISI 6773

W. Zischkale

Sci-Mat
Mar 69

372,326

Leonard Zisi

Better Utilization of Transportation
Capacities Urged, by Leonard Zisi, 9 pp.
ALBANIAN, per, Rruge e Partise, Tirane,
Sep 71, pp 27-36.
JPRS 54909

Feb 72

P. Zisko

Application of Foam Inhibitor During Treatment of
Pulmonary Edema, by P. Zisko,
RUSSIAN, per, Terapevтический Архив, Vol 38, No 3,
1966, pp 47-50.
NTC-71-10250-06E

Nov 71

On the Spectrum of the Energy Operator for
a System of Molecular Type, on the Space of
Functions Having a Given Symmetry, by

G. M. Zislin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 175,
No 3, 1967, pp 521-524.

Am Math Soc
Vol 8, No 4, 1967

G. M. Zislin

Nov 68

354,215

Extinct and Vanishing Animals: A Biology
of Extinction and Survival, by Vincenz
Zischler.
GEMAN, Mr., Extinct and Vanishing Animals:
A Biology of Extinction and Survival.
133 pp.
Science News, Vol 92, No 9, 26 Aug 1967

Vincenz Zischler

338,756

Sci
Aug 67

Political Organizations Combat Religion, by
Bektash Zite, Nasit Borici, 10 pp.
ALBANIAN, np. Bashkimi, Tirana, 17 July 1968,
pp 1-3.
JPRS 46445

25

RE-Albania

Fol

Oct 68

367,361

Bektash Zite

Zitek, P.

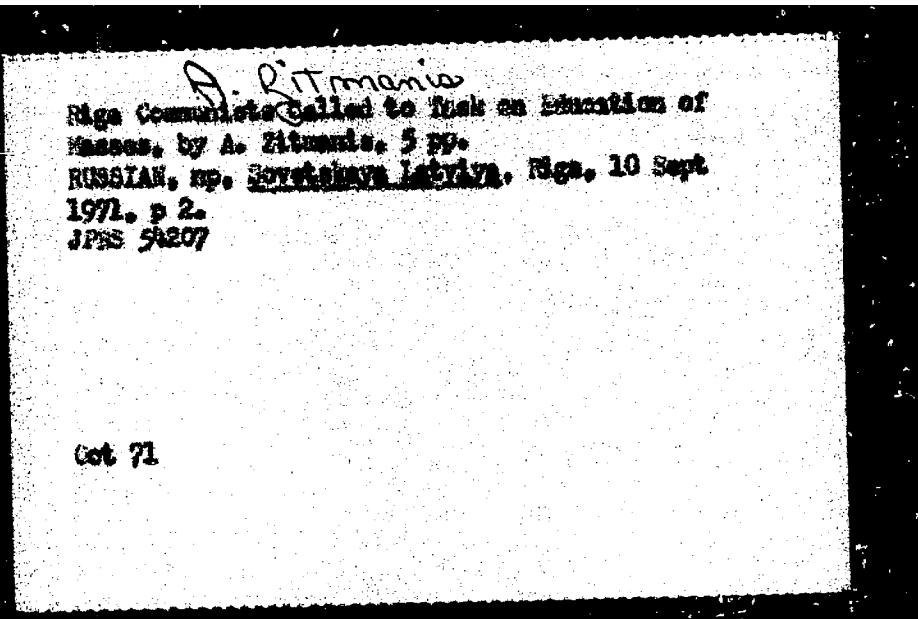
Geometry on the Tire Profile.
PLASTICKÉ HMOTY A KAUCUK, No 3, pp 65-67, 1971
TC-12205

Feb 73

V. Zitek

Texture-Forming and Recrystallization Processes
of Variously Oriented Mono-Crystals of an Fe-
Alloy Containing 3% Si, by V. Zitek,
CZECH, per. SBornik VSD Ostrava, No 2, 1969,
pp 207-218.
BISI 9128

Aug 71



Uniqueness Classes for Solutions of the Cauchy
Problem, by Ja. I. Zitomirskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 172, No 6,
1967, pp 1258-1261.
Am Math Soc
Vol 8, No 1, 1967

JA. I. ZITOMIRSKY

Nov 68

370,352

Uniqueness Classes for the Solution of the
Cauchy Problem for Linear Equations with
Rapidly Growing Coefficients, by

Ja. I. Zitomirskii.

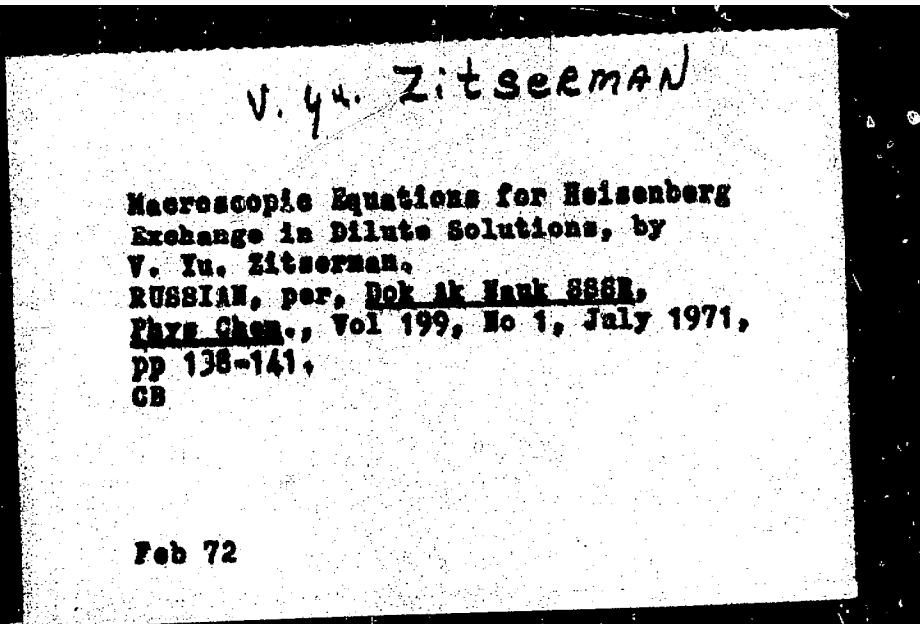
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 173,
No 1, 1967, pp 26-29.

Am Math Soc
Vol 8, No 2, 1967

JA.I.ZITOMIRSKII

Nov 68

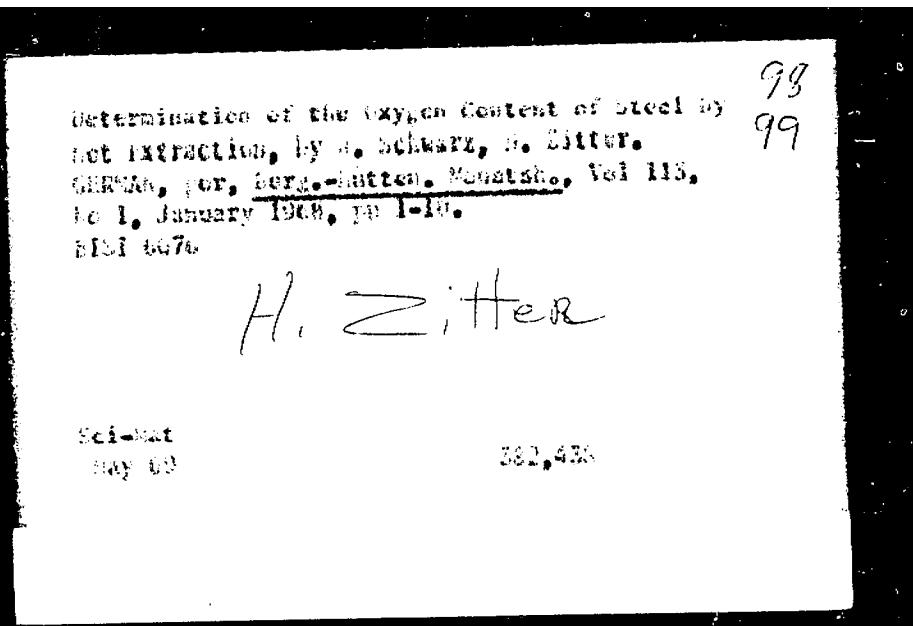
370,367



119
Taking Samples to Determine the Hydrogen
Content of Solid Steel, by H. Zitter, E. Schatz.
GARAN, per, Stahl Risen, Vol 66, 8 Aug 1956,
p 862.
*BISI 6635

Sci/Int
Nov 63

H. Zitter



The Corrosion-Resistance of Steels and Nickel-Based Alloys in Sodium-Hydroxide, by H. Zitter,
F. Matzer,
CEIKAN, per, Nickel-Boricate, Vol 26, 1968, pp.
129-133.
NLL Ref: 0022.4 (68/272)

97

H. ZITTER

sci-mat
Sept 69

399,236

Sample Taking for the Determination of hydrogen
in Solid Steel, by H. Zitter and W. Schwarz.
GERMAN, per, Stahl Eisen, Vol 88, 8 Aug 1968,
pp 862-867.
BISI 6685

78-

H. Zitter

Sci-Materials
Feb 69

375,327

Megakaryocytic Hyperplasia and Qualitative Anomalies
of the Megakaryocyte-Platelet Line in the Course of
Acute Myeloblastic Leukemia, by R. Zittoun, et al.
FRENCH, per, Seerop Paris, Vol 44, No 3/1, 1968,
pp 189, 183-186.

46

AMIA 411
3-22-69

Sci/B&M
Feb 69

383,103

R. Zittoun

66
Methenolone in the Treatment of Bone-Marrow
Insufficiencies, by R. Zittoun.
FRENCH, per, Presse Med., Vol 76, No 10, 1968,
pp 445-448.

HIN-HEW
7-4-68

R. ZITTOUN

Sci-BW
Sept 68

365,944

Influence of the Boundary Conditions on
the Stability of a Cylindrical Shell Sub-
jected to Torsion and Transverse Pressure,
by V. A. Zhusin.
RUSSIAN, per, Izv. Ak SSSR, Mekhanika
Tverdogo, Tela, no. 5, 1969, pp. 82-87.
CIA X-7190

V A Zhusin

Feb 70

401,311

Full Affirmation of Foreign Credit Fund Urged,
by Milos Zivancevic, 16 pp.
SRBI-CROATIAN, per. Problem Spolne Trenovine
1 Konjunktura, Belgrade, No 3, Jly, Aug., Sept
1968, pp 246-261.
JPG 47579

21

M I L O S Z I V A N C E V I C

Yugo
Leon
Mar 69

375.016

The Development of the System of Short-Term
Crediting of Yugoslav Foreign Trade in the Period
After World War II, by Milos Zivancovic, 23 pp.
SERBIAN, per, Problemi Spoljne Trgovine i
Konjunkture, No 1, Mar 1966, pp. 43-55.
JPRJ 37531

EE-Yugoslavia
Econ
Sept 66

Milos ZIVANCOVIC

311,699

The Prevention of the Appearance of Fungi on
Sausage Casing Surfaces, by R. Zivanovic.
CROATIAN, per, Tehnologija Meha, No 11, 1967,
pp 314-316.
ACSI J-4321
ID 2204004668

65

R. ZIVANOVIC

Sci/Chem
June 68

358,237

Comparative Jurisprudence in the Practice of International Scientific Cooperation, by V. N. Chirkovskiy and S. L. Zivs, 12 pp.
RUSSIA, per, Sovetskoye Gosudarstvo i Pravo,
Feb 1966, pp. 12-20.
JPPS 35173

S. L. Zivs
USSR
Soc
May 66

209,601

Schools for Skilled Workers, by M. Zivkovic,
12 pp.
SERBIAN, per, Socijalna Politika, No 7-8,
Jul-Aug 1965, pp. 740-751.
JPRS 32967

19

M. Zivkovic

EE-Yugoslavia
Soc
Dec 65

290,293

Employment of Faculty-trained specialists, by
Marcelin Zivkovic, 15 pp.
SFRJ-CROATIA, per, Gladiste, May 1963, pp 859-
860.
JRCB 45035

Hugo
Lubo
Aug 63

363,002

Political and Economic

Yugoslav Army Quartermaster Chief Interviewed, by Svetislav Zivkovic, 17 pp.
SERBO-CROATIAN, per. Vojnokonjunkturalni Pregled,
Belgrade, No 4, Apr 71, pp 459-471.
JPRS 53308

Svetislav Zivkovic

Jun 71

Traffic in Yugoslav Ports in 1965, by V.
Zivkovic, 7 pp.
SPRO-CROATIAN, per, Medjunarodni transport,
Vol XIII, No 7-8, Jul-Aug 1966, pp. 15-17.
JPRS 37016

B1

V. ZIVKOVIC

YU-Yugoslavia
Econ
Oct 66

312,003

Velimir Zivkovic

Development of Yugoslav Merchant Marine,
1971-1975, by Velimir Zivkovic, 7 pp.
CROATIAN, per, transport, Belgrade, No 11,
Nov 71, pg 10-12.

JPRS 54833

Jan 72

Operations in Transport, Communications Review, 17
by Velimir Zivkovic, 10 pp.
SRB-CR-ATIAH, per, Transport, Belgrade, June
1969, pp 3-8.
J-BS 48601

Al-Jugo
.con
Aug 69

370,502

Velimir Zivkovic

The Yugoslav Merchant Marine in 1966, by
Velimir Zivkovic, 7 pp.
SERIO-CROATIAN, per, Transport, no 5, May
1967, pp. 7-12.
JPRS 42399

14

Velimir Zivkovic

U.S. Yugoslavia
Sci-Navigation
Sept 57

377.928

14

The Yugoslav Merchant Marine in 1966, by
Velimir Zivkovic, 7 pp.
SERBO-CROATIAN, por., Transport, Vol. XII,
No. 5, May 1967, pp. 7-12.
JPMG 42000

Velimir Zivkovic

RE-Yugoslavia
Econ
Aug 67

377,75

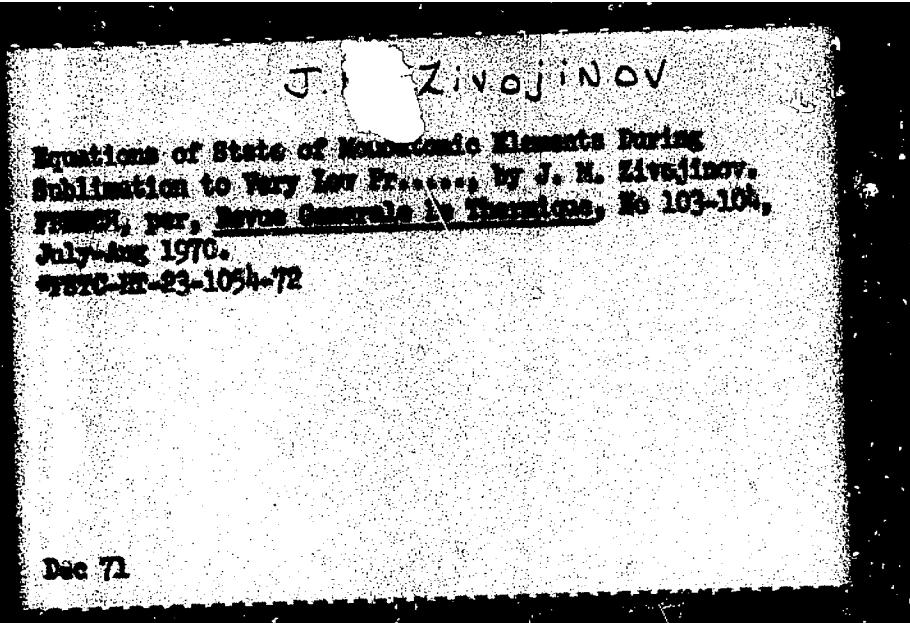
Changes Anticipated in Old Age Pensions,
by Zivorad Zivkovic, 18 pp.
SKRSO-CROATIAN, per, Bopho, Belgrade,
14 JUL 1969, pp 18-24.
JMS 48649

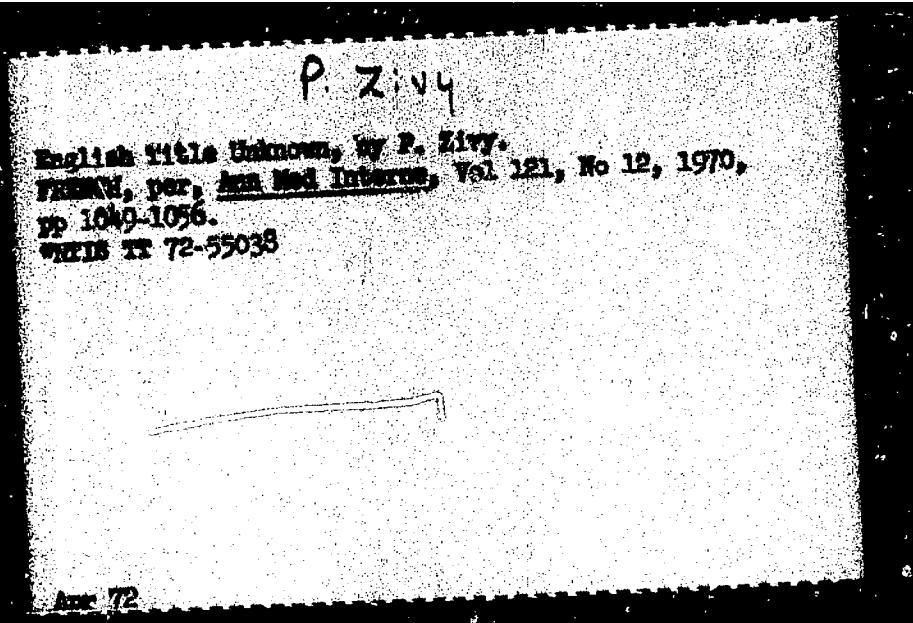
16

ZIVORAD ZIVKOVIC

EE-Yugo
Beon
Aug 69

389,167





N. S. Ziyadullayev
Industrial Development of Soviet Uzbekistan, by
N. S. Ziyadullayev, 5 pp.
RUSSIAN, per. English, 1. Commodity Project
Uzbekistan Project, Novosibirsk, No. 5, 1972.
PP 27-29.
JPHS 57608

Doc 72

Improvement Needed in Development of Uzbek Light Industry, by N. Ziyadullayev, 7 pp.
RUSSIAN, per, Kommunist Uzbekistana, Tashkent,
No 2, Feb 1971, pp 31-36.
JPRS 53171

May 72

N. Ziyadullayev

S.K. 2.14 Aqvilayev

Mathematical Economics Methods in Economy of
Uzbek SSR, by S. K. Aqvilayev, 6 pp.
RUSSIAN, per. Elementary Mathematical Methods,
Moscow, No 6, 1972, pp 535-599.
JPRS 57962

Jan 73

4
Geins in Uzbekistan Economy in 1966-1967
Described, by S. Siyadullayev, 21 pp.
RUSSIAN, per, Ekonomika i Zhizn', Tashkent,
Jan 68, pp. 7-17.
JPRS 45,173

S. Siyadullayev, et al.
USA
Economic
April 68

355,863

18

The Blossoming of Uzbekistan's Economy and Culture, by S. Ziyadullayev, 14 pp.
RUSSIAN, par. Planovoye khozyaystvo, No 10, Oct
1967, pp 16-25.
JPRS 40725

USSR
Econ
Jan 68

343,452